

# Tectura Project

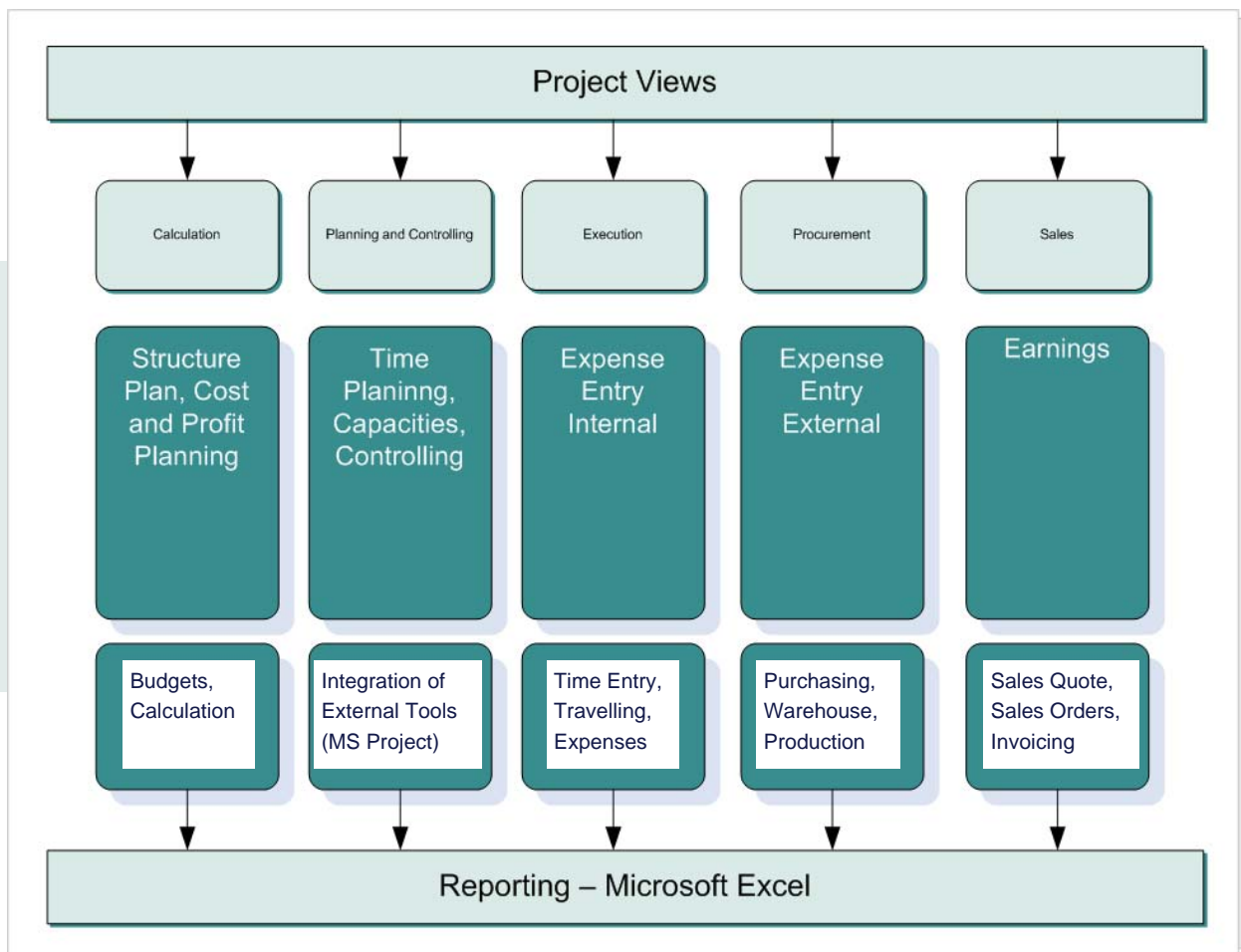
## Enabling you to optimise team work, streamline processes and realise project profitability

Today, organisations need the right tools to effectively manage project performance while ensuring budgets are met and billing is both accurate and timely. With Tectura® Project, costs are better managed through a solution that fully integrates your project planning and controlling processes with your organisation's overall business procedures.

Through tight integration with Microsoft Dynamics— Microsoft Dynamics NAV and Microsoft Project, Tectura Project offers support for even the most complex project management needs. You are now able to eliminate disparate silos of data, bringing all of your information together in one solution. At the same time, Tectura Project enables project managers to

seamlessly influence and update Microsoft Dynamics NAV to ensure data uniformity and integrity across your solution.

Whether you are a plant engineer, a general contractor, an engineering and planning consultant, or a project services provider, Tectura Project can streamline processes and realise project profitability. Tectura Project enables you to increase your planning quality, obtain data clarity and flexibility for managing complex projects, and gain the necessary time you need to drive the strategic needs of the business.



Tectura Project optimises work allocation when processing projects by subdividing your organisation into five closely linked functional areas:

### Cost Control through Calculations

Efficient cost controls are critical to your business and can be obtained through clear calculations based upon flexible project structures. Tectura Project assists in this effort by offering:

- Hierarchical structuring of work breakdowns in as many levels as required
- Timed and calculated linking of work breakdown structures
- Multi-level cost calculation increases in a flexible, definable calculation schedule
- Version management of project plans

### Effective Planning and Controlling

Project structural planning easily creates and organises, based on hierarchy, all performance work breakdown structures within an individual project. Single work breakdown structures and entire blocks can be easily moved and manipulated within Tectura Project.

Project managers now have all information available at-a-glance regarding project deadlines and project development, enabling them to effectively manage the economics surrounding their project. All this is supported by the Signal-Monitor function which provides visual cost control for individual work breakdown structures or for entire work packages, dependent on the extent of project realisation.

### Planning and controlling individual work packages

Planning project details is critical to controlling resources and timelines. Tectura Project enables this by providing you access to scheduling and planning within your individual work plans, integrated with resource calendars and views.

Tectura Project offers:

- Clear planning screens for project managers
- Development of networked plans with bi-directional Microsoft Project interface
- Calendars with resource availability comparisons
- Integrated vacation planning

### Simple, yet deep project navigation

Complex project structures remain clearly identified through the use of the Navigator function within Tectura Project. Tectura Project provides access to project transaction-related information by drilling down to the original entry information. Thus, individual sections from the project structure plan can be separately viewed and revised, creating greater visibility into and accuracy within your financial and project information .

E-Position	Description	Base Unit of Planning Measure	Quantity	Start Date	Finish Date	Amount	Budget	Realized	Signal Monitor	Status
1.	Total Price	1						25,8		SALES
1.1.	Services	204 HOUR	24.02.05	11.04.05				25,8		STARTED
1.1.1.	Project Management/Conception	30 HOUR	24.02.05	02.03.05	12	640,00	560,00	52,3		STARTED
1.1.2.	Execution	150 HOUR	02.03.05	28.03.05	90	3.600,00	2.400,00	66,7		PROPOSED
1.1.3.	Implementation	24 HOUR	28.03.05	31.03.05			1.000,00			PROPOSED
1.1.4.	Testing (Customer)	40 HOUR	31.03.05	07.04.05						PROPOSED
1.1.5.	Milestone		07.04.05	07.04.05						PROPOSED
1.2.	Conveyor system	1 PCS						43,9		PRO + SALE
1.2.1.	Apron conveyor	1 PCS								PRO + SALE
1.2.1.1.	Hydraulic system	1 PCS								PROPOSED
1.2.2.	Long Term Purchasing	1 PCS						57,1		PROPOSED
1.2.2.1.	Gear	1 PCS				1	1.500,00	-300,00	100	PROPOSED
1.2.2.2.	Motor	1 PCS				1	850,00	-50,00	100	PROPOSED
1.2.2.3.	Axle	1 PCS						1.000,00		PROPOSED
1.2.2.4.	Assembly	3 HOUR	07.04.05	08.04.05				120,00		PROPOSED

Job Planning and Controlling

Type	No.	Description	Quantity	Unit of Measure	Unit Cost	Budget
Item	M1056	Apron conveyor	1	PCS	750,00	✓
Item	M1051	Long Term Purchasing	1	PCS	3.500,00	✓
Item	M10100	Documentation	1	PCS	4,50	
Service	D50	Final Assembly	8	HOUR	40,00	
Service	D50	Shipment	1	HOUR	40,00	

Job Navigator

## Optimised Execution through Efficient Management

Management screens allow constant control of internal performance contribution. All information can be gathered from Tectura Project with respect to:

- Time entry
- Travel expense recording
- Inventory transactions (sales, production, purchasing, etc.)

Within this procedure, a distinction is made between performance contribution which can be invoiced and contributions which cannot be invoiced, such as re-work or budget overruns. This allows you to see all pertinent information in one place, making data collection easy and timely decisions much more feasible.

## Full Visibility into Procurement

All product or inventory requirements that have been released for procurement are shown in the procurement screen. This information is forwarded to either Purchasing or to other internal departments for production or fabrication. Screens detailing deadlines that have been set and budgeted plans are continually available for monitoring purposes from within Tectura Project. By integrating procurement into your projects, purchases can take place at the time that you need the materials, ensuring that you are not sitting on inventory.

Job Position	Description	Quantity	Unit of Measure	Vendor No.	Direct Unit Price	Price Date	Purch. Quote	Purch. Request	Purch. Order	Inventory Request	Prod. Order Released	Rem. Amount	Purch. Amount Invoiced	Status
1.	Total Price					11.04.05								ORDER
1.1.	Services													VIEW
1.1.3.	Implementation	24	Hour		45,00	31.03.05								PROCURE
1.2.	Conveyor system	1	Pieces		4.614,50							4.614,50		PROCURE
1.2.1.	Apron conveyor	1	Pieces		750,00							750,00		VIEW
1.2.1.1.	Hydraulic system	1	Pieces		200,00							200,00		PROCURE
1.2.2.	Long Term Purchasing	1	Pieces		3.500,00							3.500,00		VIEW
1.2.2.1.	Gear	1	Pieces	62000	1.200,00							1.200,00		PROCURE
1.2.2.2.	Motor	1	Pieces	60000	800,00							800,00		PROCURE

Procurement

Job Position	Description	Quantity	Unit of Measure	Base Unit Price (Base)	Total Price	Price Date	Rem. Amount	Sales Type	Sales Order No.	Warehouse	Status
1.	Total Price	1		37.520,00	37.520,00		37.520,00		1002		SALES
1.1.	Services	204	HOUR	70,82353	14.468,00	11.04.05			1002		VIEW
1.2.	Conveyor system	1	PCS	5.500,00	5.500,00				1006		PRO + SALE
1.2.1.	Apron conveyor	1	PCS	1.100,00	1.100,00				1006		PRO + SALE
1.2.2.	Long Term Purchasing	1	PCS	4.000,00	4.000,00						VIEW
1.3.	Traveling Expenses					11.04.05					VIEW
1.3.1.	Traveling Expenses			PAUSCH				Single Positions	1006		EXEC+SALE

Sales

## Centralised Sales Data

All quotes and orders belonging to a given project can be created from the Sales screen within Tectura Project. Monitoring, administration and invoicing are all possible from here and all orders, whether original or change orders, are traceable from project planning to billing. Centralised sales data gives you the ability to match bills to quotes, bills to projects, bills to actual usage, and allows you to track margins for each line item or sub project.

## In-depth Reporting

The reporting function in Tectura Project supplies current data highlighting the economic progress of your projects. Furthermore, project data, including hierarchical project structures, can also be displayed in Microsoft Excel for easy viewing and manipulation.

SALES		Quantity	Unit of Measure	Cost	Rem. Budget	Profit	Price
Position	Description	Quantity	Unit of Measure	Unit Cost	Amount	%	Unit Price
1.	Total Price	1		23.293,50	23.293,50		37.520,00
1.1.	Services	204	HOUR	40,59			70,82
1.1.1.	Project Management/Conce	30	HOUR	40,00			80,00
1.1.2.	Execution	170	HOUR	40,00			80,00
1.1.3.	Implementation	24	HOUR	45,00			70,00
1.1.4.	Testing (Customer)						
1.1.5.	Milestone						
1.2.	Conveyor system	1	PCS	4.614,50			5.500,00
1.2.1.	Apron conveyor	1	PCS	750,00	550,00		1.100,00
1.2.1.1.	Hydraulic system	1	PCS	200,00	147,50		220,00
1.2.2.	Long Term Purchasing	1	PCS	3.500,00	280,00		4.000,00
1.2.3.	Documentation	1	PCS	4,50			6,00
1.2.4.	Final Assembly	8	HOUR	40,00			60,00
1.2.5.	Shipment	1	HOUR	40,00			60,00
1.3.	Traveling Expenses						
				23.293,50	11.376,50	38	37.520,00

Reporting

### Extendable Job Contacts

As difficult as it can be to manage your internal teams, it is more difficult to manage your external vendors. External service providers can be allocated to project resources by the project contacts function. Through integration with the Microsoft Dynamics-Microsoft Dynamics NAV CRM module, all relevant functions within the application can be used for project management purposes. This enables you to track and monitor progress as well as tie vendor billings to customer billings. Tectura Project assists in creating “to-dos” and calendar appointments. This includes planning deadlines, task management, documenting activity work breakdown structures, and the integration of Microsoft Outlook.

### Enhanced Resource and Capacity Planning

By using the integrated Resource and Capacity Planning functionality in Tectura Project, resources can be allocated during the planning status of a project. This might include actual resources (individual employees, resource groups, or other assets) that are relevant to the planning procedure such as automotive vehicles, machines, etc. Vacation Management is also included within the Tectura Project resource planning function. Approval controls are integrated in order to manage employees that have been assigned to individual projects. The enhanced resource and capacity planning capabilities within Tectura Project helps you plan resources in the same way you might plan production, allowing you to see the bigger resourcing picture relative to your projects.

### Seamless Integration with Microsoft Project

For more complex planning needs, Tectura Project integrates with Microsoft Project, thereby allowing project plans to be exported from Tectura Project into Microsoft Project through a bi-directional interface. From there project plans can be modified and then returned to Tectura Project. Additionally, complete project structures can be defined in Microsoft Project and then imported back into Tectura Project and/or

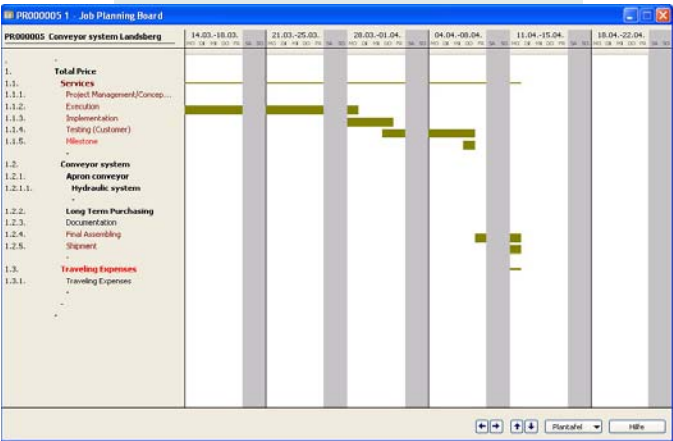
section of project structures. By utilising the integrated Gantt chart, project plans can also be displayed in Tectura Project. Overall, the integration between Tectura Project and Microsoft Project make the acceptance of project plans an easy exercise for all users, even external service providers.

Contact No.	Contact Name	Contact Short Code	Phone No.	Description
KT000157	Helga Siebert	X-HS	+49 (02 01) 77 88-12	Project Manager Customer
KT000133	Worldwide Finance	X-FINANCE	+49 (040) 65329-0	Finance
KT000034	Gagn & Gaman	X-GG	+49 (040) 78329-28	Downpayment
KT000078	KDHL99 Sdn Bhd	X-ENG	+49 (089) 65543-18	External Engineering
KT100200	Jan Mikovsky	X-JM	+49 (089) 65543-18	

Job Contacts

No.	Name	50.2004	51.2004	52.2004	53.2004	1.2005	2.2005	3.2005
DM	Dirk Manders	40	40	40	40	40	40	40
GS	Gerrit Schumann	40	16	40	40	40	40	40
HM	Helge Mehrwald	40	40	40	40	40	40	40
JN	Jörg Niemann	40	40	40	40	40	40	40
MH	Michael Hering	40	40	40	40	40	40	40
OM	Olaf Möller	40	40	40	40	40	40	40

Job Calendar



Gantt Chart

Tectura Project was built to support all key project management levels, enabling you to streamline processes and optimise project profitability.

<b>Job structure planning</b>	<ul style="list-style-type: none"> <li>• Organisational structure (breakdowns, hierarchies)</li> <li>• Creation of work packages (procedures, work breakdown structures)</li> <li>• Specification of requirements (duration, quantities)</li> </ul>
<b>Basic cost and earnings planning</b>	<ul style="list-style-type: none"> <li>• Evaluation of work packages (prices, costs)</li> <li>• Budgeting of costs (expectations, risks)</li> <li>• Profit planning (job profit contribution)</li> </ul>
<b>Job progress planning</b>	<ul style="list-style-type: none"> <li>• Linking of work packages (network plan)</li> </ul>
<b>Scheduling</b>	<ul style="list-style-type: none"> <li>• Assignment of dates (start/end dates)</li> </ul>
<b>Capacity planning</b>	<ul style="list-style-type: none"> <li>• Assignment of resources</li> <li>• Availabilities and capabilities</li> </ul>
<b>Job control</b>	<ul style="list-style-type: none"> <li>• Status management (releases)</li> <li>• Statements on job status (completion level)</li> </ul>
<b>Job handling</b>	<ul style="list-style-type: none"> <li>• Time recording, production, logistics</li> <li>• External provision of services (purchasing)</li> <li>• Quality management</li> <li>• Documentation</li> </ul>
<b>Job accounting</b>	<ul style="list-style-type: none"> <li>• Invoicing (sales)</li> <li>• Advance payment management</li> </ul>
<b>Controlling</b>	<ul style="list-style-type: none"> <li>• Evaluations (calculation, target versus actual, liquidity, level of usage, resources)</li> </ul>

### For More Information

To learn more about Tectura Project, contact:

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[www.tectura.co.uk](http://www.tectura.co.uk)



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